

Department of Energy

ROCKY FLATS FIELD OFFICE 10808 HIGHWAY 93 UNIT A GOLDEN COLORADO 80403 8200

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00-DOE-03833

Mr Timothy Rehder Rocky Flats Team Lead U S Environmental Protection Agency, Region VIII 999 18th Street, Suite 500-EPR-FT Denver, Colorado 80202-2466

Mr Steven Gunderson Rocky Flats Cleanup Agreement Project Coordinator Colorado Department of Public Health and Environment 4300 Cherry Creek Drive South Denver, Colorado 80246-1530

Dear Gentlemen

Enclosed is the Final Annual Update for the Environmental Restoration Ranking List for Fiscal Year 2000 The ranking of Individual Hazardous Substance Sites, Potential Areas of Concern, Under Building Contaminations, and Plumes was updated according to the Methodology in the Rocky Flats Cleanup Agreement, Attachment 4 Two primary tasks were completed for Fiscal Year 2000

- The sites listed in the Environmental Restoration Ranking were reconciled with sites in the Environmental Action Tracking List and also with the Historical Release Report Update (HRR, DOE 2000) for proposed and accepted no further actions (PNFAs and NFAs)
- All data for surface and subsurface soils in the Industrial Area that had passed the data quality filter as presented in the Industrial Area Data Summary Report (DOE, 2000) and was acceptable for use, was screened against background values and Site specific Tier II action levels, as appropriate The new sum of ratios for each media and for each site was entered into the ranking spreadsheet and new scores were calculated The ranking was updated according to the new scores

Closed sites were removed to the bottom of the ranking Previous ranking scores were included for the closed sites, when available All sites listed in the HRR as PNFAs or NFAs were listed just above the closed sites

ADMIN RECOM

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Mr Timothy Rehder Mr Steven Gunderson 00-DOE-03833

If you should have any technical questions regarding this list, please contact Norma I Castaneda of my staff, at (303) 966-4226 or contact me at (303) 966-5918

Sincerely,

Joseph A Legare
Assistant Manager

for Environment and Infrastructure

Enclosure

cc w/Enc

N Castaneda, ERWM, RFFO

G Kleeman, EPA

J Lillich, EPA

C Spreng, CDPHE

S Tarlton, CDPHE

E Pottorff, CDPHE

J Love, CDPHE

Administrative Record

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DRAFT Frinted: 10716/00/6-1:09 PM Fute mak/2000Rev2

Exceeds Tier I AL		yes	yes	yes	yes	yes	yes	yes	yes	yes	9	yes	yes	yes	yes	ဥ	yes	2	o e	9	o O	2	2	2	88.	2	ē	2	ou ou	2	2	2	2	2	2	ટ	2	2	2	2	2	٤	2	5
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Professional Judgement Multiplier		-	_	-	-	2	-	-	-	-	-	-	2	-	-	-	-	2	-	-	0.5	-	-	-	-	-	0.5	-	-	-	-	2	2	2	-	-	_	-	-	-	-	-	-	90
Potential for Further Release		2	2	2	-	-	2	-	-	-	2	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW Impact Score Multiplier		2	2	1.5	2	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	2	-	-	-	-	-	-		-	-	-	-	-	-	-	-	1	-
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Total Ground Water		41426	41426	1194	2403	1013	⊽	20000000	73365	215	<u>\$</u>	9167	⊽	2615	158	c	578	c	553	172	415	8	c	418	287	287	415	c	#	156	142	u	۲	c	96	c	c	_	5	2		c	c	=
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Status																																												
Description		903 Pad	903 Lp Area	Solvent Spills W B730	Solar Ponds	JW40	Tank 29 OPWL			Tnangle Area			Trench T 7	Industnal Area Plume	M Chem Storage Site	Rad Site 700 Area No 1	Rad Site B444 Parking Lot			Ongrhal Landfill	Present Landfill	Old Outfall B771	Rad Site W B 771/776	Rad Site B551			Present Landfill Plume	Rad Site S B779	Backwash Pond (Listed as OU 5 on Map)	B444 UBC	8707 UBC	N Chem Storage Site	Scrap Metal Stor	B779 UBC	Trench 7 11	Fiberglass Area W B664	B779 Cooling Tower BD	Sewer Line Overflow	Rad Site N	Rad Site S	Rad Site #2 800 Area Bidg 886 Spill	S&W Contractor Yard	Rad Site N B771	Had Site 700 Area
<u>o</u>		112	155	1181	101	124	128	CTPLM	RPPLM	5	171	881PLM	1114	IAPLM	1172	চ	160	161	PUDPLM	115	114	143	1502	158	B881	881APLM	PLFPLM	1508	196	B444	8707	1171	197	B779	111.8	1202	138	144 (N)	1571	157.2	1642	176	1501	<u>5</u>
Area		006	86	8	8	8	8			006	300		빌	_	200	92	009	009		SW	MN	700	700	200	800			700	100	400	200 200	200	200	8	Ä	009	200	200	400	400	800	006	8	8
14PE	S	HSS	₹ S¥	SS SE	ESS	SSE	¥	P.LM	PLM	SSHI	HSS	PLM	唜	ξ.	HSS	HSS	SSH	SSHI	PLM	SSHI	IHSS	EHSS	SSHI	ESS ESS ESS ESS ESS ESS ESS ESS ESS ESS	OBC	PLM	PLM	HSS	SSHI	SSHI	HSS	¥ ¥	SZ SZ	ESS ESS ESS ESS ESS ESS ESS ESS ESS ESS	SSHI	ESS ESS ESS ESS ESS ESS ESS ESS ESS ESS	SSHI	SSHI	SSH	SSHI	SSHI	SSHI	SS E	SS E

1 Sites with completed interim actions

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Н			Ash Pit 1		\$		44	2	⊽	46	2	-	-	-	2	2
Н			Ash Pit 2		46		4	2	⊽	46	2		-	-	2	٥
-	_	1333	Ash Pit 3		47		4	₽	⊽	44	2	1	-	-	8	2
TYPE AR	Area	<u>o</u>	Description	Status	Rank,	Total Tank Contents	Total Ground Water	Total Subsurface Soit	Total Surface Soil	Total Chemical Score	ALF Score	SW Impact Score Multiplier	Potential for Further Release Multiplier	Professional Judgement Multiplier	Total Pnonty Score	Exceeds Tier I AL
IHSS SA	SW 13	1334	Ash Pit 4		48		44	⊽	2	46	2	-	-	-	2	o _L
├	L		B 712/713 Cooling Tower BD		49		٥	c	29	23	2	1	-	-	2	2
		T27	Tank 27 OPWL		20		-	c	59	59	2	-	-	-	2	2
-	_	B123	B123 UBC		53		6	4	-	4	-	-	-	-	-	2
\vdash	_	1191	Solvent Spill Site OU1		25		⊽	83	၈	83	2	1	1	0.5	-	2
\vdash	L	1201	Fiberglass Area N B664		53		د	د	8	8	-	-	-	-	-	2
-	400	136.1	Coaling Tower Pond W of B444		\$		د	c	-	-	-	-	-	-	-	2
		1362	Cooling Tower Pond E B444		55		c	c	4	4	-	-	-	-	-	စ္
Н		148	Waste Leaks		28		6	4	၈	16	-	-	-	-	-	2
			Rad Site B 771/774		25		c	c	16	16	-	-	-	_	-	၉
Н			Rad Site 700 North B774		28		_	c	2	2	-	-	-	-	-	2
			S&W B980 Cont. Storage		20		<u> </u>	c	S	5	-	-	-	-	-	2
_	_		B885 Drum Storage		8		⊽	c	3	9	-	1	-	-	-	٤
			Sulphunc Aad Spill B443		69		c	c	3	S	-	-	-	_	-	2
-			Caustic Leak		29		12	c	7	16	-	-	1	-	-	2
		214	750 Pad Pondcrete/Saltcrete Stor		ខ		c	c	13	13	-	1	-	٦	-	ou
_	L		Transformer Roof of Building 447		2		o	c	82	82	2	-	-	0.5	-	on.
-		8	Bowmans Pond		88		c	c	28	Æ	2	-	-	0.5	-	o
	_		B440 UBC		98		c	9	c	ဖ		1	-	-	-	ဥ
		1491	Effluent Line		29		c	c	Ξ	=	-	-	-	-	-	2
-	_	149.2	Effluent Line		88		c	c	ဗ	င	-	-	-	-	-	٤
\vdash	-		Trench T 5		8		⊽	⊽	-	-	_	-	-	0.5	90	2
		139 1N(a)	Hydroxide Tank KOHm NaOH condensate		02		c	c	ଷ	83	-	1	-	0.5	0.5	ဥ
-	_	139.2	HF Aad Tank		۲		c	c	19	19		-	-	0.5	0.5	2
\vdash		140	Haz Disposal Area		72		c	၈	u	ေ	-	-	-	0.5	05	2
-		170	PU&D Storage Yard		73		c	c	12	12	-	-	-	90	0.5	e e
H	L	174a	PU&D Yard Drum Storage		74		c	c	12	12	1	1	1	0.5	0.5	9
-	-	700-1102	Transformer Leak 776-4		હ		o	ĸ	0	183	-	-	-	0.5	0.5	ဥ
_	-	700-1106	Transformer Leak 779 1/779 2		Æ		0	c	٥	0		-	-	0.5	0	
SSH	E =	1113	Trench T-8		Æ		c	⊽	⊽	٧	٥	-	-	-	0	
-	NE 11	1115	Trench T 8		Œ		⊽	⊽	٧	⊽	0	-	-	-	0	
├	_	1116	Trench T 9		Æ		⊽	⊽	⊽	⊽	0	-	1	-	0	
┢	_	1117	Trench T 10		Æ		c	tbd	ΡQ	⊽	°	-	-	-	0	
├			W Loading Dock B447		Ē		c	c	⊽	0	٥	-	-	-	0	
⊢	_		S Loading Dock B 444		Œ		c	c	⊽	0	٥	-	-	-	0	
HSS 70	_		Solvent Spills N B707		Œ		⊽	c	٧	0	٥		-	-	0	
HSS 70	700	126.1			Æ	⊽	_	⊽	⊽	⊽	٥	-	3	-	0	
\vdash		1262	Process Waste Tks Eastermost		딸	٧	c	12	⊽	⊽	0	-	8	-	٥	
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IHSS	SW	133.5	Indnerator	EN.		:	⊽	⊽	0	0	-	-	0.5	0	
SSH	NS.	133 6	Concrete Wash Pad	EN.		c	⊽	⊽		0	-	-	0.5	0	
SSH	800	134(N)	Lithium Metal Site	RN.		⊽	⊽	⊽	٧	0	-	-	-	0	
SSHI	8	134(S)	Lithium Metal Destruction Site	EN.		c	c	⊽	⊽	0	-	-	-	0	
SSE	핃	1421	Pond A 1	EN.		=	⊽	⊽	0	0	-	-	0.5	0	
SSH	3S	14211	Pond C 2	Œ		c	⊽	⊽	0	0	-	<u> </u> -	0.5	0	
HSS E	¥	142 12	Pond A 5	Œ		1	⊽	⊽	٥	0	-	-	0.5	0	
TYPE	Area	Ω	Description	Status Rank ¹	Total Tank Contents	Total Ground Water	Total Subsurface Soil	Total Surface Soil	Total Chemical Score	ALF Score	SW Impact Score Multiplier	Potential for Further Release Muttiplier	Professional Judgement Multiplier	Total Pnonty Score	Exceeds Tier! AL
SSHI	Jan 1	142.2	Pond A 2	E N		-	⊽	V	0	٥	-	-	0.5	0	
HSS	¥	1423	Pond A 3	Œ		c	₹	⊽	•	٥	-	-	0.5	0	
HSS	¥	1424	Pond A 4	RN		⊽	⊽	⊽	0	0	-	-	0.5	0	
HSS	뜅	1425	Pond B 1	Œ.		e	⊽	٧	o	0	-	-	-	0	
SSHI	NE	1426	Pond B 2	œ.		c	⊽	⊽	0	0	-	L	-	0	1
SSHI	JE NE	1427	Pond B 3	g.		٤	۶	⊽	0	0	ŀ	_	-	0	
SSHI	Ä	1428	Pond B 4	æ		c	٧	⊽	0	0	-	L	- -	0	
SSHI	¥	1428	Pond B-5	ŒŽ		⊽	⊽	⊽	0	0	_	-	-	0	
SSH	SE	14210	Pond C 1	Œ		c	٧	⊽	0	0	-	-	0.5	0	
SSHI	200	1461	Concrete Tanks	œ		E	c	c	0	0	-	-	2	0	
SSHI	200	1462	Concrete Tanks	æ		c	c	c	0	0	-	-	2	0	
HSS	700	1463	Concrete Tanks	Œ		c	c	٥	0	0	-	-	2	0	
SSHI	200	1464	Concrete Tanks	Œ		c	c	_	0	0	-	-	2	0	
SSHI	200	1465	Concrete Tanks	en En		c	c	e	0	0	-	-	2	0	
SSHI	700	1466	Concrete Tanks	ЯN		c	c	د	o	0	-	-	2	0	
HSS	200	150 4	Rad Site NW B750	æ		c	c	⊽	⊽	٥	-	-	-	0	
SSHI	200	150 6	Rad Site S B779	Œ.		c	c	⊽	0	0	_	-	-	0	
SSHI	200	1507	Rad Site S B776	æ		c	c	⊽	0		-	-	-	0	
SSHI	006	153	Oil Burn Pit No 2	<u>c</u>		₹	₹	e	⊽	0	-	_	-	0	
SSH	006	154	Pallet Burn Site	₹		c	c	⊽	0	0	-	-	0.5	0	
HSS	8	159	Rad Site B559	œ.		⊽	⊽	_	⊽	0	-	L	-	0	
SSE	200	1632	Americium Stab	Œ		c	c	⊽	0	0	-	-	-	0	
SSHI	908	1643	Rad Site #2 800 Area Bldg 887 Pad	ŒN.		c	c	⊽	0	٥	-	-	-	0	
SSH	200	188	Hydrogen Peroxide Drum Bunal Waste	œ.		c	c	c	0	٥	-	-	90	٥	
HSS	006	173	Rad Site B991			c	-	⊽	0	0	-	-	0.5	0	
HSS.	8	182	444/453 Drum Stor	Œ		c	c	٥	•	0	-	L	-	0	
HSS	006	183	Gas Detox Area	Œ		c	c	_		٥	-	-	0.5	0	
SST	8	184	Rad Site 991 Steam	æ		c	c	⊽	0	0	-	-	0.5	0	
HSS	8	186	Valve Vaults 11 12.13	Œ		_	٤	⊽	0	٥	L	-	-	0	
SSH	8	188	Nitric Acid Tanks	Œ		٧	₽	⊽	0	0	-	-	0.5	0	
HSS	400	205	Sump #3 Aad Site (SE of B460)	Œ		_	-	⊽	o	0	_	-	-	0	
HSS	300	506	Inactive D-836 HW TK	Œ.		c	c	⊽	0	0	-	-	-	0	
SSHI	400	207	Inactive B444 Acid Dumpster	SP.		c	E	⊽	0	0	-	-	-	0	
HSS	400	88	Inactive 444/447 Wst Str	Œ		c	u	Þ	⊽	0	-	_	-	0	
SE	8	213	904 Pad Pondcrete Stor	<u>E</u>		c	٤.	c	0	0	-	-	-	c	



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Street Sylfathers 1992a

Fig. acknowled

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-	-	2	-	-	-	-	-	-	-	-	-	Professional Judgement Multipiier	-	-	-																										
-	-	-	-	-	-	-	-	-	-	-	-	Potential for Further Release Multiplier	-	1	1																										
-	-	-	-	1	-	-	-	-	-	-	-	SW Impact Score Multiplier	1	1	1																										
0	0	0	0	0	°	٥	0	0	0	0	0	ALF Score	Пâ	0	0																										
0	٥	0	0	٥		0	0	e	c	_	0	Total Chemical Score	na	c	0																										
₽	⊽	c	د	c	c	-	c	ے	=	ء	c	Total Surface Soil	na Br	٩	-	c	c	c	c	c	۲	c	c	c	c	c	c	c	٥	د	c	c	c	E	_	=	c	c	c	c	۶
-	L C	c	-	٤	٥	c	c	٤	c	_	c	Total Subsurface Soil	na n	c	c	c	c	c.	_	c	c	c	c	E	c	c	c	c	_	٥	c	c	c	c	c	=	c	c	د	_	-
_	c	c	٤	c	_	c	_	c	c	=	₽	Total Ground Water	ē	c	د	c	c	c	_	£	c	E	c	c	c	c	=	E	c	_	c	c	c	c	c	_	c	c	c	c	
												Total Tank Contents																													Ī
RN	æ	RN	æ	Æ	æ	æ	Œ	Æ	Œ	Œ	Æ	Pank ¹	æ	Œ	Œ	뜻	띺	£	Œ	Æ	£	Œ	Æ	Œ	Œ	Œ	Ē	Œ	Æ	Æ	Æ	Æ	Œ	£	£	Œ	Œ	Ę	Œ	Œ	g
												Status																													
East Spray Field-Center Area	East Spray Field-South Area	B774 UBC	Tank 12 OPWL	Tank 31 OPWL	Tank 33 OPWL	Tank 34 OPWL	Tank 35 OPWL	Hydroxide Tank KOHm NaOH condensate	Hydroxide Tank	Sewer Line Overflow	MAAS Area	Description	Red Site W B707 (DUPLICATE OF 123 2)	B371 Drum Storage	Abandoned Sump near 774 Unit 55 13 T 40	Valve Vault W of 707	Rad Site 700 Area #4	Sanitary Sewer System	Solar Pond Water Spill Along Central Ave	New Process Waste Line	Storm Drains	Building 123 Process Waste Une Break	Building 123 Bloassay Waste Spill	Building 111 Transformer PCB Leak	Building 121 Security Inginerator	Building 123 Sarubbber Salution Spill	Asphalt Surface in Lay Down N Bldg 130 (formerly 000-501)	Pestade Shed	Storage Shed B334	Misc Dumping Building 460 Storm Drain	Road North of Building 460	Sandblasting Area	Beryllium Fire Bldg 444	RCRA Tank Leak in Bldg 460	RCRA Tank Leak in Bidg 460	Asphalt Surface Near Bidg 559	Tanker Truck Release of hazardous Waste From Tank 231B	Temp Waste Stor B663	Central Avenue Ditch (formerly identified as 400-820)	Former Pesticide Storage Area	French Drain North of Bldg 776/777
2162	2163	8774	T12	131	T33	±8±	T38	139 1N(b)	139 1(S)	144 (S)	1471	<u>0</u>	150.5	212	215	1232	132	009-000	900-503	900-204	900-202	100-602	100-603	100-607	100-609	100-611	100-613	300-702	400-802	400-803	400-804	400-807	400-810	400-813	400-815	906-009	200-902	600-1001	600-1004	600-1006	700-1100
NE NE	NE.	90/	90/	8	200	200	200	82	200 200	700	200	Area	82	90c	700	200	200	8	8	8	⊴	8	18	8	18	ğ	ã	8	8	400	8	8	604	400	8	200	200	8	8	8	82
HSS	HSS	OBC	¥	¥	¥	¥	¥	E SS	HSS	<u> </u>	ESS ESS	TYPE	SSE	HSS	SSHI	HSS	SE	PAC	PAC	PAC	PAC	PAC	PAC	PAC	PAC	PAC	PAC	PAC	PAC	PAC	PAC	PAC	PAC	PAC	PAC	PAC	PAC	PAC	PAC	PAC	PAC

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700 700 <td>PAC</td> <td>700</td> <td>700-1115</td> <td>Identification of Diesel Fuel in Subsurface Soils</td> <td>EZ.</td> <td></td> <td>c</td> <td>c</td> <td>c</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	PAC	700	700-1115	Identification of Diesel Fuel in Subsurface Soils	EZ.		c	c	c							
600 (2007) Classification of Control of Con	PAC	82	700-1116	Transformer Leak South of Bldg 776	Æ		c	c	u							
600 Coorting Sectionaries for section of the greatery NPS n <	PAC	88	800-1200	Valve Vault 2	Ę		c	c	c							
600 (100) (10	PAC	800	800-1201	Radioactive Site south of Bidg 883	Ę		c	c	c							
600 600 <td>PAC</td> <td>88</td> <td>800-1204</td> <td>Bldg 866 Spills</td> <td>E</td> <td></td> <td>c</td> <td>c</td> <td>c</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	PAC	88	800-1204	Bldg 866 Spills	E		c	c	c							
600 100 <td>PAC</td> <td>88</td> <td>800-1206</td> <td>Bldg 881 East Dock</td> <td>Ä</td> <td></td> <td>c</td> <td>c</td> <td>u</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	PAC	88	800-1206	Bldg 881 East Dock	Ä		c	c	u							
900 100-100 10	PAC	88	800-1212	Building 866 Sump Spill	¥		c	c	c							
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NE NE 1440 Contact Statistical Action of Statistical	PAC	800	900-1308	Gasoline Spill Outside of Bidg 980	Ż		د	c	c							
NE NE-1444 Decend Solution of Local Country NF Frank Frank <th< td=""><td>PAC</td><td>906</td><td>900-1310</td><td>ITS Water Spill (formerly 000-502)</td><td>Ž</td><td></td><td>د</td><td>c</td><td>u</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	PAC	906	900-1310	ITS Water Spill (formerly 000-502)	Ž		د	c	u							
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NE NE 1407 Ou2 Treatment Facility NR n <th< td=""><td>TYPE</td><td>Area</td><td>Q</td><td></td><td></td><td></td><td></td><td></td><td>Total Surface Soil</td><td>Total Chemical Score</td><td>ALF Soare</td><td>SW Impact Score Multiplier</td><td>Potential for Further Release Multiplier</td><td>Professional To Judgement Multiplier</td><td>Score</td><td>Exceeds Tier I AL</td></th<>	TYPE	Area	Q						Total Surface Soil	Total Chemical Score	ALF Soare	SW Impact Score Multiplier	Potential for Further Release Multiplier	Professional To Judgement Multiplier	Score	Exceeds Tier I AL
NE NE 1412 Tencht 17 ELocated @ OLD East Trenches NB n<	PAC	NA.	NE 1407	OU2 Treatment Facility	Ž	_	c	c	c							
NE NE 14.13 Tench T 13 Located @ OLD East Tenchcles NR n<	PAC	NE.	NE 1412	Trench T 12 Located @ OU2 East Trenches	Ż	-	c	د	c							
SW SW 1702 Recently Identified Ath Pit NA NA N SW SW 1702 Recently Identified Ath Pit NA NA N N 100 B122 B122 LBC B122 LBC NA NA N N 100 B122 B122 LBC NA NA N <td< td=""><td>PAC</td><td>Ä</td><td>NE 1413</td><td>Trench T 13 Located @ OU2 East Trenches</td><td>Ż</td><td>_</td><td>c</td><td>c</td><td>c</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	PAC	Ä	NE 1413	Trench T 13 Located @ OU2 East Trenches	Ż	_	c	c	c							
SW SW 1701 Recently Identified Ash Pit NR n n 100 6122 6122 UBC NR n n n 100 6122 6122 UBC NR n n n 300 6231 6512 UBC NR n n n 300 6231 6512 UBC NR n n n 400 6374 UBC NR n n n n 400 6430 UBC NR n n n n 400 6441 UBC NR n n n n 400 6442 UBC NR n n n n n 400 6441 UBC NR NR n <td>PAC</td> <td>SE</td> <td>SE 1602</td> <td>East Finng Range</td> <td>Ż</td> <td>-</td> <td>c</td> <td>c</td> <td>c</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	PAC	SE	SE 1602	East Finng Range	Ż	-	c	c	c							
SW SW 1702 Recumbly Identified Ash Pit NR N N 100 B122 B122 UBC NR N	PAC	SW	SW 1701	Recently Identified Ash Pit	Ž	-	c	د	c							
100 B122 B122 UBC NR N N 300 B331 B331 UBC NR N<	PAC	SW	SW 1702	Recently Identified Ash Pit	Ž	ar.	c	c	c							
100 B152 B152 UBC NR n	OBC	100	B122	B122 UBC	Ž	-	c	c	c							
300 BS31 BS31 UBC NR NR N	UBC	8	8135	B125 UBC	Ž	_	c	c	E							
300 B374 B374 UBC NR NR N	UBC	8	B331	B331 UBC	Ž	- -	c	c	c							
300 B374 B374 UBC NR NR N	OBO	8	B371	B371 UBC	Ž	r.	c	c	c							
400 B459 B458 UBC NR N N 400 B441 B441 UBC NR N N 400 B442 B442 UBC NR N N 400 B447 B442 UBC NR N N 500 B528 B528 UBC NR N N 500 B751 B751 UBC NR N N 700 B770 B771 UBC NR N N 700 B777 B777 UBC NR N N 700 B777 B777 UBC NR N N	OBO	8	B374	B374 UBC	Ž		c	د	٥							
400 B441 B441 UBC NR n n n 400 B442 B442 UBC NR n<	CBC	8	B438	B439 UBC	Z	rr	٤	-	c							
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400 B447 B447 UBC NR n n n 500 B528 B528 UBC NR n<	OBC	8	B442	B442 UBC	Ž	т.	c	c	٤							
500 B6288 B658 UBC NR n n n 500 B559 B659 UBC NR n	UBC	400	8447	B447 UBC	Z	ď	c	٤.	۔							
500 B559 B659 UBC NR n n 700 B731 UBC NR n n n 700 B770 B771 UBC NR n n n 700 B771 B771 UBC NR n n n 700 B777 B771 UBC NR n n n 700 B777 B771 UBC NR n n n	UBC	88	B528	B528 UBC	Z	-	c	=	۔							
700 6701 UBC NR n n 700 8731 B771 UBC NR n n 700 8771 B771 UBC NR n n 700 8772 B777 UBC NR n n 700 8773 B777 UBC NR n n 700 8778 B778 UBC NR n n	OBC	200	BSS9	B659 UBC	Z	æ	c	C .	۔							
700 B731 BF31 UBC NR n n n 700 B770 B771 UBC NR n <t< td=""><td>OBC</td><td>8</td><td>8701</td><td>B701 UBC</td><td>Z</td><td>ar.</td><td>c</td><td>c</td><td>c</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	OBC	8	8701	B701 UBC	Z	ar.	c	c	c							
700 B770 B771 B771 UBC NR n n 700 B771 B771 UBC NR n n 700 B777 B771 UBC NR n n 700 B778 B777 UBC NR n n	OBC	8	8731	B731 UBC	Z	Œ	c	Œ	c							
700 B771 B771 UBC NR n n 700 B776 B777 UBC NR n n 700 B777 B777 UBC NR n n	OBO	8/	B770	B770 UBC	Z	Œ	c	c	_							
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B865 UBC	B883 UBC	B886 UBC	B887 UBC	B869 UBC	B991 UBC	Tank 1 OPWL	Tank 2 OPWL	Tank3 OPWL	Tank 4 OPWL	Tank 5	Tank 6	Tank 7 OPWL	Tank 8 OPWL	Tank 9	Tank 10	Description	-	I SUK I	Tank 1.	Tank 1	Tank2	Tank 2	Tank 2	Tank	Tank	Tank	Tank	Tank	Tank		T	T	T						
B865	B883	9888	8887	B888	B991	101	T02	TQ3	T04	705	T06	T07	108	T08	T10	<u>0</u>			T13	T14	715	116	117	T18	119	120	T21	122	123	T24	725	126	T30	T32	136	137	1	1	
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3	8	164 1	Rad Site #2 800 Area	ANH			7	c	⊽	2	-	-	-	0.5	0.5	no
PAC	8	400-800	Transformer 443-1	PNFA			0	-	0	-	-	-	-	0.5	0.5	92
PAC	8	200-900	Transformer Leak 515/516	PNFA			٥	⊽	0	0	0	-	-	90	0	ou Ou
PAC	200	106-005	Transformer Leak 555/558	PNFA				-	٥	-	-	-	-	0.5	0.5	op.
PAC	200	206-005	Transformer Leak 559	PNFA			0	₹	o	0	-	-	-	0.5	0.5	ou
PAC	200	500-904	Transformer Leak 223-1/223-2	PNFA			٥	c	19	19	+	-	-	90	0.5	2
PAC	009	600-1002	Transformer Storage W B668	PNFA			ŀ	٩	⊽	0	0	-	-	0.5	0	S.
PAC	009	600-1003	Transformers N & S 661/675	PNFA			°	⊽	°	0	0	-	-	0.5	0	92
PAC	82	700-1111	Transformer Leak B750	PNFA			0	⊽	0	0	0	-	-	0.5	0	92
器	8	1231	Valve Vault 7	PNFA			c	د	⊽	0	0	-	-	-	0	92
SE	8	1561	Rad Site	PNFA			د	c	⊽	0	0	-	-	-	0	ou
HSS	밀	1661	Landfill Trench A	PNFA			0	⊽	ď	o	0	-	-	90	0	OU
SSHI	Ä	166.2	Landfill Trench B	PNFA			⊽	⊽	<u> </u>	0	0	-	-	0.5	0	uo
SSH	N.	1663	Landfill Trench C	PNFA			⊽	₽	ď	0	0	-	-	90	0	no
HSS H	빌	167.2	Landtill Pond Spray Area	PNFA			c	⊽	⊽	0	0	-	-	90	0	100
SSHI	N.	167.3	Landtill Pond Spray Area	PNFA			د	 -	₹	0	0	-	-	0.5	0	2
SSHI	빌	216.1	East Spray Reid North Area	PNFA			c	⊽	⊽	0	0	-	-	0.5	0	Du
PAC	æ	300-708	Transformer N of B371	PNFA												
TYPE	Area	Ω	Description	Status	Rank ¹	Total Tank Contents	Total Ground Water	Total Subsurface Soil	Total Surface Soil	Total Chemical Score	ALF Score	SW Impact Score Multiplier	Potential for Further Retease Multiplier	Professional Judgement Multiplier	Total Pnonty Score	Exceeds Tier I AL
PAC	88	300-709	Transformer Leak 334 1	PNFA												
PAC	00 00 00 00 00 00 00 00 00 00 00 00 00	300-711	Ni-Cad Battery Spil Outside Bidg 373	PNFA												
PAC PAC	8	300-712	1/2 g Antifreeze Spill Outside Bldg 373	PNFA												
PAC	8	300-713	Caustic Spill N of Bldg 331	PNFA												
PAC	8	300-714	Laundry Waste Water Spill N of Blog 374	PNFA												
PAC D	8	400-812	Tank T 2 Spill Building 460	PNFA												
PAC	64	400-814	A/C Compressor Release Bldg 444 Roof	PNFA												
PAC	200	500-905	Transformer Leak 558-1	PNFA												
PAC	200	500-908	Spert Photo Fixer Solution Release (IHSS 158)	PNFA												
PAC	009	600-1000	Transformer Storage B662	PNFA												
PAC	82	700-1103	Transformer Leak B707	PNFA												
PAC	200	700-1104	Transformer Leak B708	PNFA												
PAC	8	700-1112	Transformer Leak B776-5	PNFA												
PAC PAC	00Z	700-1113	IHSS 101	PNFA												
PAC	002	700-1114 a	Release Dunng Liquid Transfer Oper Bldg 774	PNFA												
PAC	700	700 1114b	Release Dunng Liquid Transfer Oper Bidg 774	PNFA												
PAC PAC	900	800-1207	Transformer Leak 883-4	PNFA		0	0	2	8	2	-	-		-	-	2
PAC	908	800-1209	Transformer Leak 800 area	PNFA		0	0	8	6	2	-	-	-	-	-	2

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PNFA	PNFA	PNFA	PNFA	PNFA	PNFA	PNFA	PNFA	PNFA	PNFA	PNFA	PNFA	PNFA	PNFA	NFA	NFA AFA	NFA	NEA	NFA	NFA	NFA	NFA	NFA	Status		NFA	NFA	AFA	NFA	NFA	NFA	NFA	NFA A	NFA AFA	NFA AFA	NFA AFA	NFA	NFA	NFA	NFA	NFA	
			1	Г	1 -	Soil from crate in 964 Laydown Yard	Release of F001 Listed Waste to Soil	П	Diesel fuel Spill at field Treatability Unit	T		т_		PU&D Yard Dumpster Storage	Transformer 443 2 Bldg 443	S Chem Storage Site	B373 CT Blowdown	Studge Disposal Area	B881 Conversion Act	Fuel Oil Leak Tk 262	Fuel Oil Tank B452	Soi Disposal Area	Description		Lendfill Pond Spray Area	Ceritral Ave Spill	B334 Cargo Container Area	Aad Leak (SE of 8374)	Hydrogen Perox Leak	Inactive HW Stor	Surface Disturbance	B980 Cargo Cont		Г	Building 123 Phosphoric Aad Spill	Γ	Г	Г		, ,	
800-1210	900-1306	900-1311	900-1314	900-1315	900-1316	900-1317	900-1318	NE 1409	NE 1410	NE 1411	NW 1502	NW 1503	NW 1504	174b	400-811	1173	- 85	141	1472	151	152	1562	₽		1671	172	181	188	191	203	508	210	000-201	100-800	100-601	100-804	100-605	100-906	100-608	100-610	
800	006	006	006	900	006	006	906	¥	W.	빌	Š	¥2	MN	Š	400	009	8	86	88	86	8	\vdash	Area		N.	8	8	900	400	MΝ	SE	006	8	100	180	18	8	100	100	8	
PAC	PAC	PAC	PAC	PAC	PAC	PAC	PAC	PAC	PAC	PAC	PAC	PAC	PAC	SSHI	PAC	SSH	HSS	ESS.	HSS	HSS	IHSS	ESS	TYPE		ESS.	₹ S	HSS	SSH	HSS	SSHI	EHSS.	ESS.	PAC	PAC	PAC	PAC	PAC	PAC	PAC	PAC	

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2007/05 Polasacum Pydroxide Spall N of Bidg 374 NFA		
2007/107 Startizer's Spirit Spirit Spi		
S00-706 Survivorator in fine in or biolog 244 NiFA NiFA S00-7076 Survivorator in fine in or biolog 244 Survivorator in fine in or biolog 247 NiFA NiFA S00-710 Survivorator Spill function 40 Survivorator Spil		
200707 Stantzer Spill NPA NPA NPA		
2007-710 Gascine Spill North of Building 3811 NFA		
100 100		
400-866 Shiding 42 Tank #9 Leak NFA NFA 400-866 Catalyas Spill Building 440 NFA NFA 400-866 Vacuum Pump Leak Building 442 NFA NFA 400-869 Oli Leak 446 Guard Poet NFA NFA 500-969 HISS 158 1 186 NFA NFA NFA 500-969 HISS 158 1 186 NFA NFA NFA 500-969 HISS 158 1 186 NFA NFA NFA 500-1007 Compressor Waste Oil Ry Pall Building 776 NFA NFA NFA 700-1107 Compressor Waste Oil Ry Pall Building 776 NFA NFA 700-1107 Compressor Waste Oil Spill Building 776 NFA NFA 700-1107 Noise Tournam Incident Bidg 778 NFA NFA NFA 800-1202 Sulfuro And Spill Bidg 883 NFA NFA NFA 800-1202 Sunfuro And Spill Bidg 883 NFA NFA NFA 800-1302 Ole Smill Sludge Drymg beds NFA NFA NFA 800-1302 Ole Smill Sludge Drymg beds NFA NFA NFA 800-1302 Ole Smill Sludge Drymg beds NFA NFA NFA 800-1302 Ole Smill Sludge Drymg beds NFA NFA NFA 800-1302 Ole Smill Sludge Slu		
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NE NE 1405 Diesel Spill at Heid Treatability Unit		
NE 1406 771 Hillside Studge Release		
NE 1408 OUZ Test Well (formerly NE 1406)		
NW 1500 Diesel Spill @ PU&D Yard (formerly NW 175)		
NW 1501		

	PAC	SE	SE 1600	Pond 7 Steam Condensate Releases	NFA												
1. 1. 1. 1. 1. 1. 1. 1.	PAC	SE	SE 1601	Pond 8 Colling Tower Discharge Releases	NFA												
A	PAC	SW	SW 1700	Fuel Spill into Woman Creek Drainage	NFA												
70. 11.6 11.6 11.0	ТҮРЕ	Area	Ω	Description	Status	Pnor Rank	Total Tank Contents	Total Ground Water	Total Subsurface Soil	Total Surface Soil	Total Chemical Score	ALF Score	SW Impact Score Multiplier	Potential for Further Release	Professional Judgement Multiplier	Total Prionty Score	Exceeds Tier i AL
7.0. 11.0 Simular Sequential Lead C M <td>E SS</td> <td>8</td> <td>192</td> <td>Antifreeze Discharge</td> <td>C 94</td> <td></td> <td></td> <td>60</td> <td>د</td> <td>c</td> <td>3</td> <td>-</td> <td></td> <td>1 minimer</td> <td></td> <td>0.5</td> <td>ou</td>	E SS	8	192	Antifreeze Discharge	C 94			60	د	c	3	-		1 minimer		0.5	ou
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800 217 Base Dumi Standay 0.6 1 0 0 0 1 0	IHSS	8	178	B 881 Drum Storage	98-0			c	E	c	0	0	-	-	0.5	o	2
800 377 Billion Standard St	HSS	8	211	B881 Drum Storage	980			c	 -	۔	0	0	-	-	0.5	o	90
600 179 800 Miles 170 <td>E SS</td> <td>8</td> <td>217</td> <td>B881 Cyande Trt</td> <td>88-0</td> <td></td> <td></td> <td>c</td> <td>c</td> <td>c</td> <td></td> <td>0</td> <td>-</td> <td>1</td> <td>0.5</td> <td>0</td> <td>2</td>	E SS	8	217	B881 Cyande Trt	88-0			c	c	c		0	-	1	0.5	0	2
450 150 <td>HSS</td> <td>800</td> <td>179</td> <td>Bees Drum Storage</td> <td>980</td> <td></td> <td></td> <td>c</td> <td>c</td> <td>c</td> <td>0</td> <td>0</td> <td>-</td> <td>F</td> <td>0.5</td> <td>0</td> <td>2</td>	HSS	800	179	Bees Drum Storage	980			c	c	c	0	0	-	F	0.5	0	2
450 263 1 mmonth of passible 0.66 1 mmonth of passible 0.67 1 mmonth of passible 0.69 0.6	SSH	8	180	B883 Drum Storage	C 95			c	c	_	0	0	-	1	0.5	0	2
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NE 11.0 Time of 1.4 Code 2 28/10.0 161.2 C1773 10.0 2 3 1 600 502 11.1 Time of 1.4 Time of 1.4 Time of 1.4 1	IHSS	006	109	Ryans Pt (Trench 2)	960	-		33679	8	⊽	33681	9	7	3	-	8	yes
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900 1131 Modrate Material Aleane C 57 5 1 1804 6 1 1 1807 9 1 1 1807 9 1 1 1807 9 1 1 1807 9 1 1 1807 9 1 1 1807 9 1 1 1807 1 1 1807 1 1 1807 1 1 1807 1 1 1807 1 1 1807 1 1 1807 1 1 1807 1 1 1807 1 1 1807 1 1 1807 1 1 1807 1 1 1807 1 1 1 1 1807 1 1 1 1 1807 1 1 1 1 1807 1 1 1 1 1	SSHI	Ä	1111	Trench T-4	96 0	3		26101	7/8	c	26179	ę	2	3	-	8	yes
4 (2) Cost Cost <t< td=""><td>IHSS</td><td>006</td><td>113</td><td>Mound Area</td><td>C 97</td><td>5</td><td></td><td>19064</td><td>8</td><td>-</td><td>19071</td><td>o</td><td>ပ</td><td>2</td><td>-</td><td>54</td><td>yes</td></t<>	IHSS	006	113	Mound Area	C 97	5		19064	8	-	19071	o	ပ	2	-	54	yes
1. 20. Coloradia Marchine Residence Coloradia Marchine	ESS		189	Offsite Land Surface	C 97			u	Þ	٧	0	0	1	1	0.5	0	2
1. 1. 1. 1. 1. 1. 1. 1.	HSS		200	Great Western Res	C 97			⊽	⊽	٥	o	0	-	-	0.5	0	2
1/2 Mover Plaservorr C 97 C 1	HSS		201	Standley Lake	C 97			₽	⊽	7	0	0	-	-	90	0	ou
12 130 Bad Site BOO Aleas C97 C71 C41 344 C2 2 1 05 1 05 1 05 1 05 1 05 1 05 1 05 1 05 1 05 1 0 0 1 0	HSS		202	Mower Reservar	C 97			⊽	⊽	⊽	0	0	-	-	90	0	e
800 1104 Unapprogramment C 87 41 41 10 11 2 11 0.5 1 800 1192 E Scrap Metal Stonage C 87 41 41 61 10 2 11 0.5 1 800 1152 E Scrap Metal Stonage C 87 41 41 41 61 61 2 11 0.5 1 800 1152 C Scrap Metal Stonage Tank C 87 41 41 41 61 61 62 1 0.5 1 800 1152 E Est Out of Service Tank C 87 41 41 41 61 60 2 1 0.5 6 800 105 L 82 L 82 41 41 41 41 60 6 7 1 6 7 1 6 7 1 0 0 1 1 6 1 1 1 6 1 6 <td>HSS</td> <td> 12</td> <td>130</td> <td>Rad Site 800 Area</td> <td>C-97</td> <td></td> <td></td> <td>⊽</td> <td>æ</td> <td>⊽</td> <td>ಕ</td> <td>2</td> <td>2</td> <td>-</td> <td>0.5</td> <td>2</td> <td>92</td>	HSS	12	130	Rad Site 800 Area	C-97			⊽	æ	⊽	ಕ	2	2	-	0.5	2	92
500 119 2 E Scrap Melal Strappe C 97 C 1 <td>HSS</td> <td>800</td> <td>104</td> <td>Liqud Dumping</td> <td>260</td> <td></td> <td></td> <td>⊽</td> <td>ę</td> <td>٧</td> <td>10</td> <td>-</td> <td>2</td> <td>-</td> <td>0.5</td> <td>-</td> <td>2</td>	HSS	800	104	Liqud Dumping	260			⊽	ę	٧	10	-	2	-	0.5	-	2
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800 105 Chemical Bunal C 97 C 1	HSS	900	102	Oil Sludge Prt	C 97			⊽	⊽	⊽	₽	0	2	-	0.5	°	o S
800 105 1 West Out of Service Tank C 97 C 1 C 1 C 1 C 0 C 2 1 O 5 T 0 O 5 O 5 T 0 O 5 <td>SSHI</td> <td>800</td> <td>501</td> <td>Chemical Bunal</td> <td>260</td> <td></td> <td></td> <td>⊽</td> <td>⊽</td> <td>⊽</td> <td>o</td> <td>o</td> <td>2</td> <td>-</td> <td>0.5</td> <td>·</td> <td>ou</td>	SSHI	800	501	Chemical Bunal	260			⊽	⊽	⊽	o	o	2	-	0.5	·	ou
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Area 105 Description C 97 C 104 C 104 ALF Score SW Impact Release Profit Interest Release C 104 ALF Score SW Impact Release Profit Interest Release ALF Score SW Impact Release Profit Interest Release Profit Interest Release ALF Score SW Impact Release Profit Interest Release Profit Intere	HSS	800	106.2	East Out of Service Tank	C 97			⊽	⊽	⊽	0	o	2	-	0.5	0	2
Ariea ID Description Contential or programment Front Flank (Standard) Todal Ground (Todal) Todal Todal (Todal)	HSS SH	008	901	106 Outfall	C 97			⊽	₽	⊽	0	0	2	-	0.5	0	2
800 107 107 Hilsode Ol Leak C 97	TYPE	Area	Q	Description	Status	Pnor Rank	Total Tank Contents	Total Ground Water	Total Subsurface Soil	Total Surface Soil	Total Chemical Score	ALF Score	SW impact Score Multiplier	Potential for Further Release		Score	Exceeds Tier I AL
600 145 Sanktey Waste Leak C 97 <	HSS	008 800	107	107 Hilside Oil Leak	C 97			⊽	V	⊽	0	0	2	1 amontes	90	0	2
900 108 Trench T 1 C-98 4 11 11080 <1 11081 9 1 3 2 54 AMADPLM EFPLM Est Trenches Plume IAC-88 7 28105 n n 10 3 1 1 1 3 1 1 3 1 1 3 1 1 3 1 1 3 1 1 3 1 27 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 3 1 3 1 3 1 3 1 3 1 3	SSH	998	145	Santary Waste Leak	C 97			⊽	⊽	⊽	0	0	2	-	0.5	o	٤
ETPLM East Trenches Plume IAC-89 7 28105 n n 28105 n 1967 9 1	HSS	06	108	Trench T 1	86-O	4		=	11080	⊽	11091	6	-	3	2	22	yes
MMDPUM Mound Plume LAC-86 9 19067 n n 15067 9 3 1 1 7 800 T40 Tank 40-OPWL LAC-86 10 5570 n r	PLM		ETPLM	East Trenches Plume	IAC-99	7		26105	c	-	26105	10	6	-	-	8	yes
800 T40 Tank 40-OPWL LAC-96 10 3570 n r 1 3570 7 1 3 1 21 21 700 124.1 Rad Light Waste TK 67 IAC-96 11 1453 r<	PLM		MUDPLM	Mound Plume	IAC-98	6		19067	c	c	19067	6	၈	-	-	12	yes
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Underground Conc Tks		Nitrate (Solar Pond) Plume	Of Leak E of B443						yr			
122	l	SPPLM	128			Die.		Closure complete yr	Interm Action Complete yr			
4 00	82		8		No data	Not applicable	Not ranked	Closure oc	ntenm Act	 	 	
HSS	SSH	P.M	E SS		-	_		8	- 96 O			